

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| L1 | 4098190 | board substrate pcb carrier ((printed circuit wiring) adj5 board) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 23:19 |
| L2 | 411321 | (slit split opening via) with 1 - | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 23:20 |
| L3 | 9054902 | (semiconductor chip die dice pellet in (integrated adj circuit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 23:21 |
| L4 | 123277 | 2 same "3" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 23:21 |
| L5 | 163580 | 2 same 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 23:23 |
| L6 | 20491 | (wire wiring) and (bump ball bga) and 2 and 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 23:23 |
| L7 | 4082 | (wire wiring) same (bump ball bga) same 2 same 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 23:25 |
| L8 | 3663 | ((bond bonding bonded) with wire wiring) same (bump ball bga) same 2 same 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 23:27 |

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| L9 | 2678 | 8 and (resin encapsulated encapsulation encapsulating seal sealing sealed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 23:28 |
| L10 | 2509 | (pad electrode terminal) and 9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 23:29 |
| L11 | 534 | row and 10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/19 23:29 |
| L12 | 1 | "3811186".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:50 |
| L13 | 1 | "4940181".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:50 |
| L14 | 1 | "5323060".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:50 |
| L15 | 1 | "5329423".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:50 |
| L16 | 1 | "5410181".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:50 |
| L17 | 1 | "5477086".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:50 |
| L18 | 1 | "5674785".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:50 |
| L19 | 1 | "5891753".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:51 |
| L20 | 1 | "5719440".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:51 |
| L21 | 1 | "5811879".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:51 |
| L22 | 1 | "5891753".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:51 |
| L23 | 1 | "5936305".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:51 |
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| L25 | 1 | "5973403".PN. | USPAT; USOCR | OR | OFF | 2005/01/19 23:52 |

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| L37 | 1 | "4731645".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:07 |
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| L63 | 1 | "4638348".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:12 |
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| L154 | 1 | "5205032".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:25 |
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| L195 | 1 | "5045921".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:31 |
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| L209 | 1 | "6057289".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:32 |
| L210 | 1 | "5920118".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:33 |
| L211 | 1 | "5674785".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:33 |
| L212 | 1 | "3811186".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:34 |
| L213 | 1 | "4940181".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:34 |
| L214 | 1 | "5323060".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:34 |
| L215 | 1 | "5329423".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:34 |
| L216 | 1 | "5477086".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:34 |
| L217 | 1 | "5719440".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:34 |
| L218 | 1 | "5719440".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:34 |
| L219 | 1 | "5777391".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:34 |
| L220 | 1 | "5811879".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:34 |
| L221 | 1 | "5891753".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:34 |
| L222 | 1 | "5973403".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:34 |
| L223 | 1 | "5990565".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:34 |

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|------|---|---------------|-----------------|----|-----|------------------|
| L224 | 1 | "6048755".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:35 |
| L225 | 1 | "5216278".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:35 |
| L226 | 1 | "5397921".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:35 |
| L227 | 1 | "5409865".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:35 |
| L228 | 1 | "5420460".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:35 |
| L229 | 1 | "5420460".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:35 |
| L230 | 1 | "5663593".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:35 |
| L231 | 1 | "5734198".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:35 |
| L232 | 1 | "5741622".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:35 |
| L233 | 1 | "5767575".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:36 |
| L234 | 1 | "5780923".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:36 |
| L235 | 1 | "5796586".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:36 |
| L236 | 1 | "5804880".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:36 |
| L237 | 1 | "6051878".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:36 |
| L238 | 1 | "6133626".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:36 |
| L239 | 1 | "6133626".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:36 |
| L240 | 1 | "6265766".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:36 |
| L241 | 1 | "6265766".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:36 |
| L242 | 1 | "4446477".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:36 |
| L243 | 1 | "5218234".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:37 |
| L244 | 1 | "5222014".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:37 |
| L245 | 1 | "5293068".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:37 |

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|------|---|---------------|-----------------|----|-----|------------------|
| L246 | 1 | "5434452".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:37 |
| L247 | 1 | "5434452".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:37 |
| L248 | 1 | "5434452".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:37 |
| L249 | 1 | "5486723".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:37 |
| L250 | 1 | "5952611".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:37 |
| L251 | 2 | "3179913".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L252 | 2 | "3370203".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L253 | 2 | "3459998".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L254 | 1 | "3904934".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L255 | 1 | "4288841".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L256 | 1 | "4502098".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L257 | 1 | "4574331".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L258 | 1 | "4646128".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L259 | 1 | "4691225".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L260 | 1 | "4727410".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L261 | 1 | "4823233".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L262 | 1 | "4833568".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L263 | 1 | "4862248".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:38 |
| L264 | 1 | "4868712".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:39 |
| L265 | 1 | "4953005".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:39 |
| L266 | 1 | "5016138".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:39 |
| L267 | 1 | "5019945".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:39 |

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|------|---|---------------|-----------------|----|-----|------------------|
| L268 | 1 | "5172303".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:39 |
| L269 | 1 | "5345038".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:39 |
| L270 | 1 | "5973403".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:39 |
| L271 | 1 | "5891753".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:39 |
| L272 | 1 | "4763188".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:40 |
| L273 | 1 | "5471369".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:40 |
| L274 | 1 | "5646829".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:40 |
| L275 | 1 | "5724233".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:40 |
| L276 | 1 | "5917242".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:40 |
| L277 | 1 | "5998860".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:40 |
| L278 | 2 | "3179913".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:40 |
| L279 | 1 | "5723907".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:40 |
| L280 | 1 | "5200917".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:41 |
| L281 | 1 | "5019945".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:41 |
| L282 | 1 | "5016138".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:41 |
| L283 | 1 | "4953005".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:41 |
| L284 | 1 | "4868712".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:41 |
| L285 | 1 | "4833568".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:41 |
| L286 | 1 | "4823233".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:41 |
| L287 | 1 | "4646128".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:41 |
| L288 | 1 | "5817535".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:41 |
| L289 | 1 | "4996587".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:42 |

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|------|---|---------------|-----------------|----|-----|------------------|
| L290 | 1 | "5137836".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:42 |
| L291 | 1 | "5255156".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:42 |
| L292 | 1 | "5280192".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:42 |
| L293 | 1 | "5418687".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:42 |
| L294 | 1 | "5465470".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:42 |
| L295 | 1 | "5477082".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:42 |
| L296 | 1 | "5480840".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:42 |
| L297 | 1 | "5495398".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:42 |
| L298 | 1 | "5811879".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:42 |
| L299 | 1 | "5016138".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:42 |
| L300 | 1 | "5019945".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:42 |
| L301 | 1 | "5471369".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:43 |
| L302 | 1 | "5471369".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:43 |
| L303 | 1 | "5471369".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:43 |
| L304 | 1 | "4763188".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:43 |
| L305 | 1 | "5646829".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:43 |
| L306 | 1 | "5724233".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:43 |
| L307 | 1 | "5686764".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:44 |
| L308 | 1 | "5994766".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:44 |
| L309 | 1 | "5994773".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:44 |
| L310 | 1 | "6023096".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:44 |
| L311 | 1 | "6122171".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:44 |

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|------|---|---------------|-----------------|----|-----|------------------|
| L312 | 1 | "6396143".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:45 |
| L313 | 1 | "6252298".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:45 |
| L314 | 1 | "4996587".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:45 |
| L315 | 1 | "5583375".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:45 |
| L316 | 1 | "5650593".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:45 |
| L317 | 1 | "5674785".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:46 |
| L318 | 1 | "5677566".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:46 |
| L319 | 1 | "5866949".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:46 |
| L320 | 1 | "6013946".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:46 |
| L321 | 1 | "6013946".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:46 |
| L322 | 1 | "4218701".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:46 |
| L323 | 1 | "5148265".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:46 |
| L324 | 1 | "5677566".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:46 |
| L325 | 1 | "5661086".PN. | USPAT; USOCR | OR | OFF | 2005/01/20 00:46 |